

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

"AS DRILLED PLAT"

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

RCVD JUN 10 '09

☐ AMMEDED REPORT
OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT

DIST. 3

¹ API Number 30-039-30491	² Pool Code 71599/72319	³ Pool Name Basin Dakota/Blanco MESAVERDE
⁴ Property Code 7620	⁵ Property Name VALDEZ	⁶ Well Number 7N
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 7342

¹⁰ SURFACE LOCATION

UL or lot no. F	Section 28	Township 28-N	Range 4-W	Lot Idn	Feet from the 1985	North/South line NORTH	Feet from the 1410	East/West line WEST	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. D	Section 28	Township 28-N	Range 4-W	Lot Idn	Feet from the 817'	North/South line NORTH	Feet from the 754'	East/West line WEST	County RIO ARriba
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¹² Dedicated Acres 320.0 (W/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN
CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

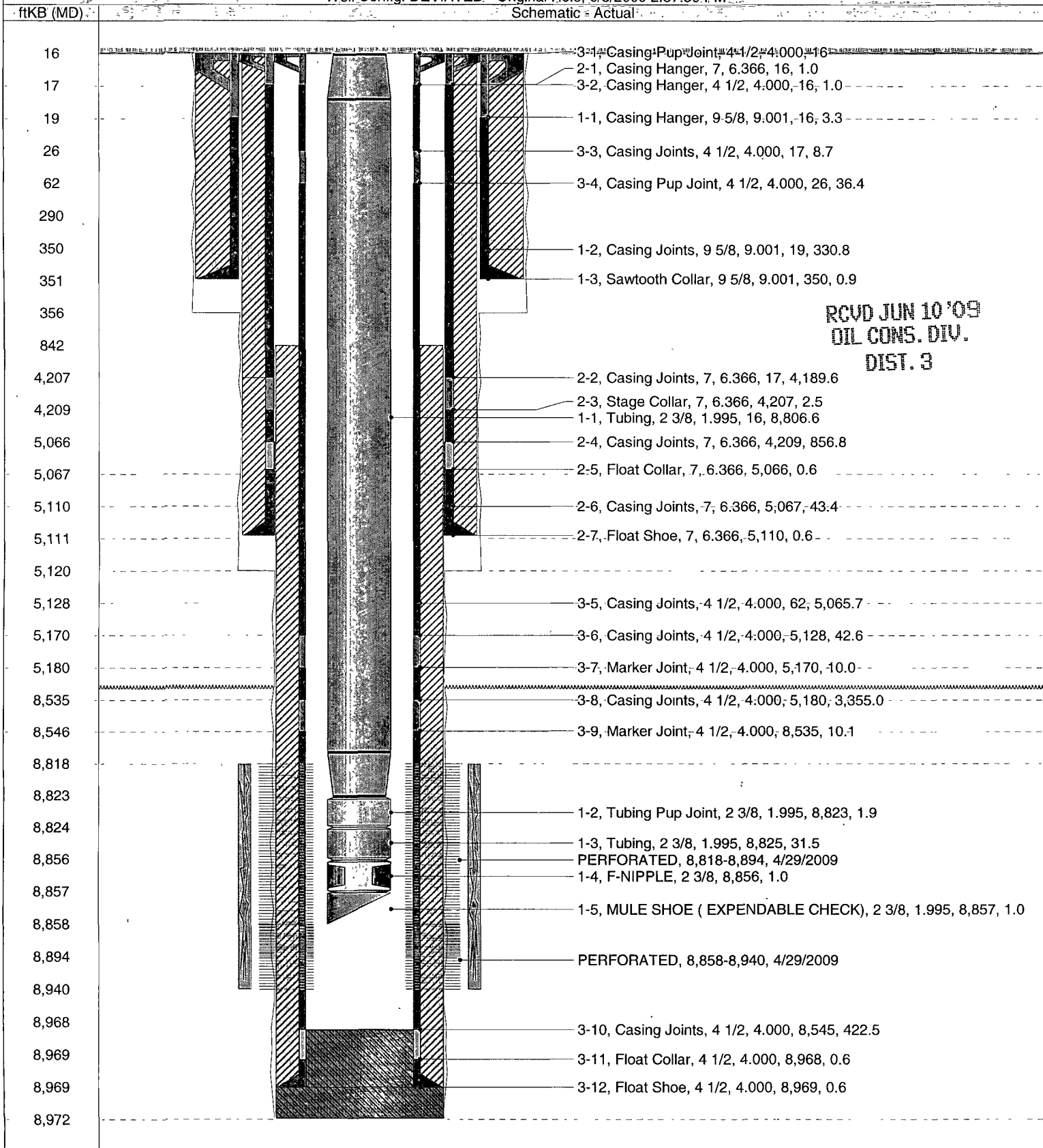
16 N 89°10'50" E 5443.1' (R) 817' 754' 24°30'54" E 1365.7' 1985' 1410' WELL FLAG NAD 83 LAT: 36.633797° N LONG: 107.260040° W NAD 27 LAT: 36°38.027326' N LONG: 107°15.566454' W W/2 DEDICATED ACREAGE USA NM-03863 SECTION 28 T-28-N, R-4-W 5210.2' (R) BOTTOM HOLE	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Patsy Clugston</i> Signature Patsy Clugston Printed Name Sr. Regulatory Specialist Title and E-mail Address 6/8/09 Date ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: 7/02/08 Signature and Seal of Professional Surveyor  Certificate Number: NM 11393
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Most Recent Job

Jobs	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
Job Category	INITIAL COMPLETION	INITIAL COMPLETION	10/20/2008	5/28/2009
COMPLETIONS				

Well Config: DEVIATED - Original Hole, 6/5/2009 2:57:56 PM

Schematic = Actual



RCVD JUN 10 '09
OIL CONS. DIV.
DIST. 3

Operator BURLINGTON RESOURCES OIL & GAS COMPANY	Legal WellName VALDEZ #7N	API / UWI 3003930491	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 028-028N-004W-F	N/S Dist (ft) 1,985.00	N/S Ref FNL	E/W Dist (ft) 1,410.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
8/15/2008	165.00	0.75	DEVIATION	MOTE
8/15/2008	350.00	1.25	DEVIATION	MOTE
9/25/2008	394.00	1.98	MWD	Scientific Drilling
9/25/2008	456.00	1.54	MWD	Scientific Drilling
9/25/2008	517.00	0.39	MWD	Scientific Drilling
9/25/2008	579.00	1.87	MWD	Scientific Drilling
9/25/2008	643.00	3.67	MWD	Scientific Drilling
9/25/2008	704.00	4.55	MWD	Scientific Drilling
9/25/2008	765.00	6.18	MWD	Scientific Drilling
9/25/2008	827.00	7.82	MWD	Scientific Drilling
9/25/2008	890.00	9.54	MWD	Scientific Drilling
9/25/2008	953.00	11.62	MWD	Scientific Drilling
9/27/2008	1,017.00	13.57	MWD	Scientific Drilling
9/27/2008	1,080.00	14.81	MWD	Scientific Drilling
9/27/2008	1,144.00	15.95	MWD	Scientific Drilling
9/27/2008	1,207.00	16.86	MWD	Scientific Drilling
9/27/2008	1,271.00	17.98	MWD	Scientific Drilling
9/27/2008	1,335.00	19.22	MWD	Scientific Drilling
9/27/2008	1,398.00	20.35	MWD	Scientific Drilling
9/27/2008	1,462.00	20.30	MWD	Scientific Drilling
9/27/2008	1,525.00	21.56	MWD	Scientific Drilling
9/27/2008	1,589.00	22.65	MWD	Scientific Drilling
9/27/2008	1,652.00	22.47	MWD	Scientific Drilling
9/27/2008	1,716.00	22.13	MWD	Scientific Drilling
9/27/2008	1,780.00	22.13	MWD	Scientific Drilling
9/27/2008	1,843.00	21.90	MWD	Scientific Drilling
9/27/2008	1,906.00	22.03	MWD	Scientific Drilling
9/27/2008	1,970.00	22.02	MWD	Scientific Drilling
9/27/2008	2,033.00	22.44	MWD	Scientific Drilling
9/27/2008	2,096.00	22.61	MWD	Scientific Drilling
9/27/2008	2,160.00	22.96	MWD	Scientific Drilling
9/27/2008	2,223.00	23.29	MWD	Scientific Drilling
9/27/2008	2,287.00	23.47	MWD	Scientific Drilling
9/27/2008	2,350.00	23.82	MWD	Scientific Drilling
9/27/2008	2,414.00	24.09	MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

[Signature]

RCVD JUN 10 09
OIL CONS. DIV.
DIST. 3

Subscribed and sworn to me this 6/8/09

[Signature]

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/2/2012

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
9/27/2008	2,478.00	23.68	MWD	Scientific Drilling
9/27/2008	2,542.00	24.02	MWD	Scientific Drilling
9/27/2008	2,605.00	23.64	MWD	Scientific Drilling
9/27/2008	2,669.00	22.98	MWD	Scientific Drilling
9/27/2008	2,732.00	22.58	MWD	Scientific Drilling
9/27/2008	2,797.00	21.47	MWD	Scientific Drilling
9/27/2008	2,860.00	20.47	MWD	Scientific Drilling
9/27/2008	2,924.00	20.57	MWD	Scientific Drilling
9/27/2008	2,988.00	20.55	MWD	Scientific Drilling
9/27/2008	3,052.00	20.56	MWD	Scientific Drilling
9/28/2008	3,115.00	20.61	MWD	Scientific Drilling
9/28/2008	3,179.00	20.35	MWD	Scientific Drilling
9/28/2008	3,242.00	20.31	MWD	Scientific Drilling
9/28/2008	3,305.00	20.30	MWD	Scientific Drilling
9/28/2008	3,369.00	19.72	MWD	Scientific Drilling
9/28/2008	3,432.00	19.35	MWD	Scientific Drilling
9/28/2008	3,496.00	19.20	MWD	Scientific Drilling
9/28/2008	3,560.00	19.41	MWD	Scientific Drilling
9/28/2008	3,623.00	19.47	MWD	Scientific Drilling
9/28/2008	3,685.00	18.73	MWD	Scientific Drilling
9/28/2008	3,749.00	18.85	MWD	Scientific Drilling
9/28/2008	3,813.00	19.06	MWD	Scientific Drilling
9/28/2008	3,876.00	19.51	MWD	Scientific Drilling
9/28/2008	3,940.00	19.91	MWD	Scientific Drilling
9/28/2008	4,004.00	20.36	MWD	Scientific Drilling
9/28/2008	4,067.00	19.64	MWD	Scientific Drilling
9/28/2008	4,131.00	18.37	MWD	Scientific Drilling
9/28/2008	4,195.00	17.26	MWD	Scientific Drilling
9/28/2008	4,259.00	15.95	MWD	Scientific Drilling
9/28/2008	4,322.00	14.99	MWD	Scientific Drilling
9/28/2008	4,386.00	13.90	MWD	Scientific Drilling
9/28/2008	4,448.00	13.01	MWD	Scientific Drilling
9/28/2008	4,512.00	12.46	MWD	Scientific Drilling
9/28/2008	4,639.00	12.07	MWD	Scientific Drilling
9/29/2008	4,703.00	11.47	MWD	Scientific Drilling
9/29/2008	4,766.00	10.35	MWD	Scientific Drilling
9/29/2008	4,829.00	9.04	MWD	Scientific Drilling
9/29/2008	4,893.00	7.80	MWD	Scientific Drilling
9/29/2008	4,957.00	6.85	MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report, and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Survey Data

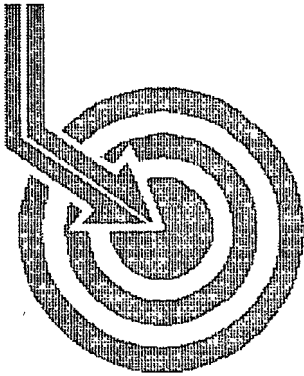
Date	MD (ftKB)	Incl (°)	Method	Survey Company
9/29/2008	5,020.00	5.94	MWD	Scientific Drilling
9/29/2008	5,060.00	5.70	MWD	Scientific Drilling
9/29/2008	5,120.00	3.90	MWD	Scientific Drilling
10/10/2008	8,926.00	1.25	FINAL BHS	PHOENIX

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____



Scientific Drilling

RCVD JUN 10 '09
OIL CONS. DIV.
DIST. 3

BURLINGTON RESOURCES

Field: Valdez
Site: Rio Arriba County, NM
Well: Valdez #7N
Wellpath: DH - Job #33D0908215
Survey: 09/26/08-09/30/08

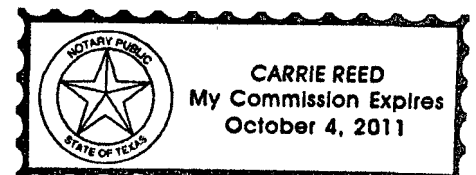
API - 30-039-30491

This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Richard..... Company Representative

Notorized this date 14th of October, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 10/10/2008	Time: 16:20:18	Page: 1
Field: Valdez	Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, True North		
Site: Rio Arriba County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: Valdez #7N	Section (VS) Reference: Well (0.00N,0.00E,330.83Azi)		
Wellpath: DH - Job #33D0908215	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 09/26/08-09/30/08	Start Date: 09/26/2008
Company: Scientific Drilling Internatio	Engineer: Drake/Maddox/Wood/Baird
Tool: E-field;E-field	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
456.00	1.54	154.97	455.95	-6.11	-5.55	2.59	0.34	6.13	154.97
517.00	0.39	143.67	516.94	-7.14	-6.46	3.06	1.90	7.15	154.64
579.00	1.87	334.88	578.93	-6.34	-5.72	2.76	3.64	6.35	154.24
643.00	3.67	337.05	642.85	-3.26	-2.88	1.52	2.82	3.26	152.28
704.00	4.55	342.36	703.69	1.05	1.22	0.02	1.57	1.22	1.01
765.00	6.18	340.39	764.42	6.66	6.62	-1.81	2.69	6.86	344.67
827.00	7.82	340.19	825.96	14.12	13.73	-4.36	2.65	14.41	342.37
890.00	9.54	341.53	888.23	23.48	22.72	-7.47	2.75	23.91	341.80
953.00	11.62	341.70	950.16	34.84	33.69	-11.12	3.30	35.48	341.74
1017.00	13.57	339.67	1012.62	48.59	46.85	-15.75	3.12	49.43	341.42
1080.00	14.81	337.30	1073.69	63.89	61.21	-21.42	2.17	64.85	340.71
1144.00	15.95	336.80	1135.40	80.77	76.84	-28.05	1.79	81.80	339.95
1207.00	16.86	336.30	1195.84	98.47	93.16	-35.13	1.46	99.57	339.34
1271.00	17.98	335.80	1256.90	117.55	110.67	-42.91	1.77	118.70	338.81
1335.00	19.22	333.90	1317.56	137.91	129.14	-51.59	2.16	139.07	338.22
1398.00	20.35	330.90	1376.84	159.22	148.03	-61.48	2.41	160.29	337.44
1462.00	20.30	328.42	1436.85	181.44	167.21	-72.71	1.35	182.33	336.50
1525.00	21.56	327.22	1495.70	203.91	186.25	-84.70	2.11	204.61	335.55
1589.00	22.65	328.40	1554.99	227.96	206.64	-97.52	1.84	228.49	334.73
1652.00	22.47	328.08	1613.17	252.11	227.19	-110.25	0.35	252.52	334.11
1716.00	22.13	327.32	1672.38	276.36	247.72	-123.22	0.70	276.67	333.55
1780.00	22.13	326.93	1731.67	300.42	267.96	-136.31	0.23	300.64	333.04
1843.00	21.90	326.82	1790.08	323.98	287.74	-149.21	0.37	324.13	332.59
1906.00	22.03	326.84	1848.50	347.48	307.47	-162.11	0.21	347.58	332.20
1970.00	22.02	326.97	1907.83	371.43	327.57	-175.21	0.08	371.49	331.86
2033.00	22.44	327.04	1966.15	395.21	347.56	-188.19	0.67	395.24	331.57
2096.00	22.61	327.41	2024.34	419.30	367.86	-201.25	0.35	419.31	331.32
2160.00	22.96	327.49	2083.35	444.04	388.75	-214.59	0.55	444.04	331.10
2223.00	23.29	328.38	2141.29	468.75	409.72	-227.72	0.76	468.75	330.93
2287.00	23.47	328.58	2200.03	494.12	431.37	-241.00	0.31	494.12	330.81
2350.00	23.82	328.40	2257.74	519.37	452.91	-254.21	0.57	519.37	330.70
2414.00	24.09	329.68	2316.23	545.34	475.19	-267.57	0.92	545.34	330.62
2478.00	23.68	331.18	2374.75	571.25	497.73	-280.36	1.14	571.26	330.61
2542.00	24.02	331.50	2433.28	597.13	520.43	-292.77	0.57	597.13	330.64
2605.00	23.64	332.07	2490.91	622.58	542.86	-304.81	0.71	622.58	330.69
2669.00	22.98	331.17	2549.69	647.90	565.14	-316.84	1.17	647.90	330.72
2732.00	22.58	330.81	2607.78	672.29	586.48	-328.67	0.67	672.29	330.73
2797.00	21.47	329.76	2668.03	696.67	607.65	-340.75	1.81	696.67	330.72
2860.00	20.47	329.92	2726.86	719.21	627.14	-352.08	1.59	719.21	330.69
2924.00	20.57	330.60	2786.80	741.64	646.62	-363.21	0.40	741.64	330.68
2988.00	20.55	330.79	2846.72	764.12	666.22	-374.21	0.11	764.12	330.68
3052.00	20.56	331.32	2906.65	786.59	685.88	-385.08	0.29	786.59	330.69
3115.00	20.61	330.81	2965.62	808.74	705.27	-395.80	0.30	808.74	330.70
3179.00	20.35	330.47	3025.58	831.13	724.79	-406.78	0.45	831.13	330.70
3242.00	20.31	330.46	3084.65	853.02	743.83	-417.57	0.06	853.02	330.69
3305.00	20.30	330.20	3143.74	874.88	762.82	-428.39	0.14	874.88	330.68
3369.00	19.72	330.08	3203.88	896.78	781.82	-439.29	0.91	896.78	330.67
3432.00	19.35	330.13	3263.25	917.84	800.08	-449.79	0.59	917.85	330.66



Scientific Drilling International

Survey Report

Company: BURLINGTON RESOURCES
 Field: Valdez
 Site: Rio Arriba County, NM
 Well: Valdez #7N
 Wellpath: DH - Job #33D0908215

Date: 10/10/2008
 Co-ordinate(N/E) Reference: SITE 0.0
 Vertical (TVD) Reference: Well (0.00N,0.00E,330.83Azi)
 Section (VS) Reference: Minimum Curvature
 Survey Calculation Method: Db: Sybase

Time: 16:20:18 Page: 2

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3496.00	19.21	329.98	3323.66	938.97	818.39	-460.34	0.23	938.98	330.64
3560.00	19.41	330.49	3384.06	960.13	836.76	-470.85	0.41	960.14	330.63
3623.00	19.47	331.26	3443.47	981.10	855.08	-481.05	0.42	981.11	330.64
3685.00	18.73	330.63	3502.05	1001.39	872.81	-490.90	1.24	1001.39	330.65
3749.00	18.85	331.09	3562.64	1022.00	890.82	-500.94	0.30	1022.01	330.65
3813.00	19.06	331.28	3623.17	1042.79	909.03	-510.96	0.34	1042.80	330.66
3876.00	19.51	331.73	3682.64	1063.60	927.32	-520.88	0.75	1063.60	330.68
3940.00	19.91	332.02	3742.89	1085.18	946.36	-531.06	0.64	1085.18	330.70
4004.00	20.36	332.62	3802.98	1107.20	965.87	-541.29	0.77	1107.20	330.73
4067.00	19.64	331.02	3862.18	1128.74	984.86	-551.46	1.44	1128.74	330.75
4131.00	18.37	330.70	3922.69	1149.58	1003.06	-561.61	1.99	1149.58	330.76
4195.00	17.26	330.90	3983.62	1169.16	1020.16	-571.16	1.74	1169.16	330.76
4259.00	15.95	330.49	4044.95	1187.45	1036.11	-580.11	2.06	1187.45	330.76
4322.00	14.99	330.37	4105.66	1204.26	1050.72	-588.40	1.52	1204.26	330.75
4386.00	13.90	329.61	4167.64	1220.22	1064.55	-596.38	1.73	1220.22	330.74
4448.00	13.01	329.66	4227.94	1234.64	1076.99	-603.68	1.44	1234.64	330.73
4512.00	12.14	330.37	4290.40	1248.57	1089.06	-610.64	1.38	1248.58	330.72
4575.00	12.46	330.41	4351.96	1261.99	1100.73	-617.27	0.51	1262.00	330.72
4639.00	12.07	330.11	4414.49	1275.59	1112.53	-624.02	0.62	1275.59	330.71
4703.00	11.47	331.25	4477.15	1288.64	1123.92	-630.41	1.01	1288.65	330.71
4766.00	10.35	330.77	4539.01	1300.57	1134.35	-636.19	1.78	1300.57	330.71
4829.00	9.04	330.39	4601.11	1311.18	1143.59	-641.40	2.08	1311.18	330.71
4893.00	7.80	331.12	4664.42	1320.55	1151.76	-645.98	1.94	1320.55	330.71
4957.00	6.85	329.69	4727.89	1328.71	1158.86	-650.01	1.51	1328.71	330.71
5020.00	5.94	328.64	4790.50	1335.72	1164.89	-653.60	1.46	1335.72	330.70
5060.00	5.70	327.05	4830.30	1339.77	1168.32	-655.76	0.72	1339.77	330.70



Scientific
Drilling

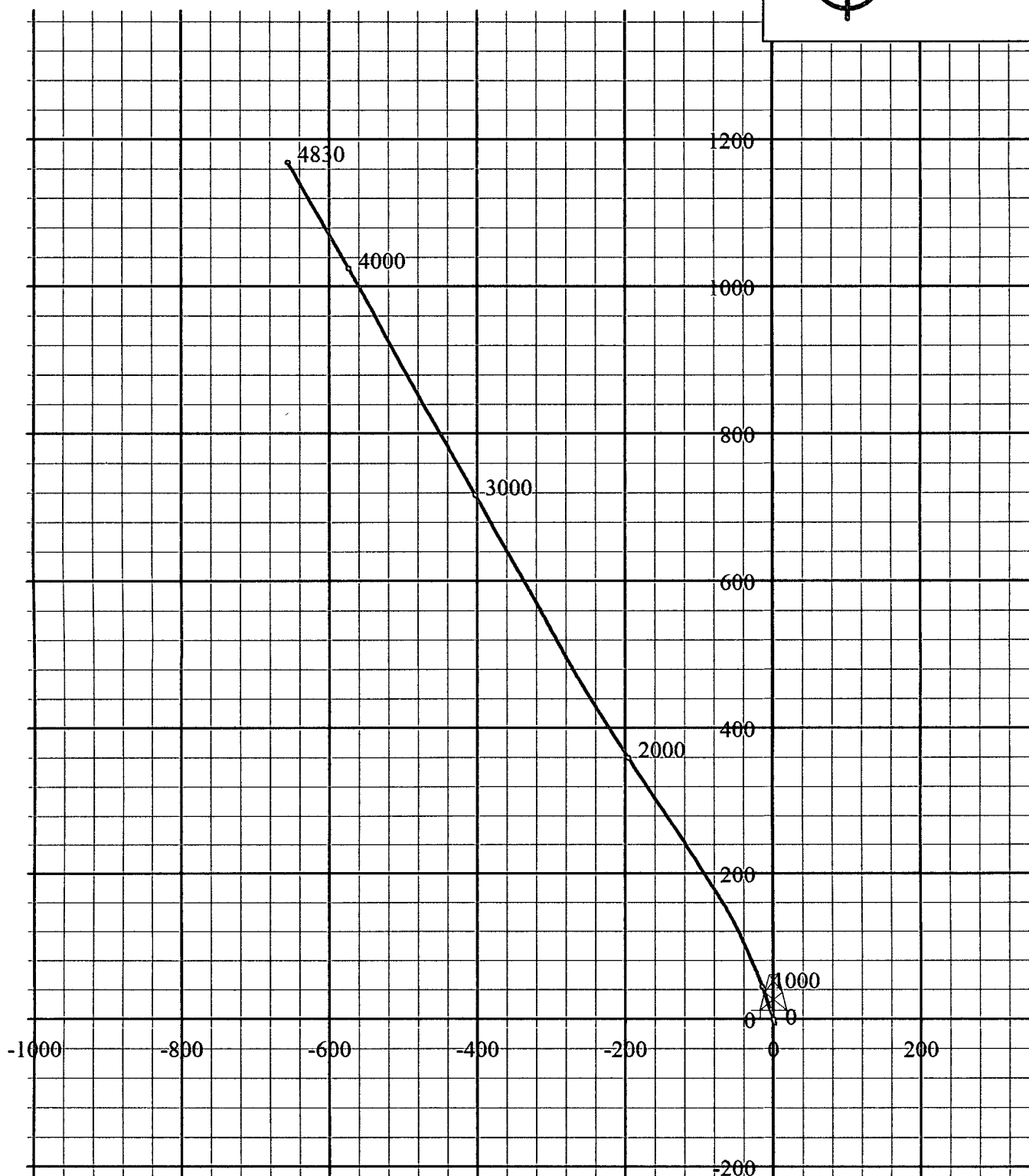
Field: Valdez
Site: Rio Arriba County, NM
Well: Valdez #7N
Wellpath: DH - Job #33D0908215
Survey: 09/26/08-09/30/08



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 10/10/2008
Model: igrf2000

South(-)/North(+) [200ft/in]



West(-)/East(+) [200ft/in]